

FIG. 1

FIG. 1A

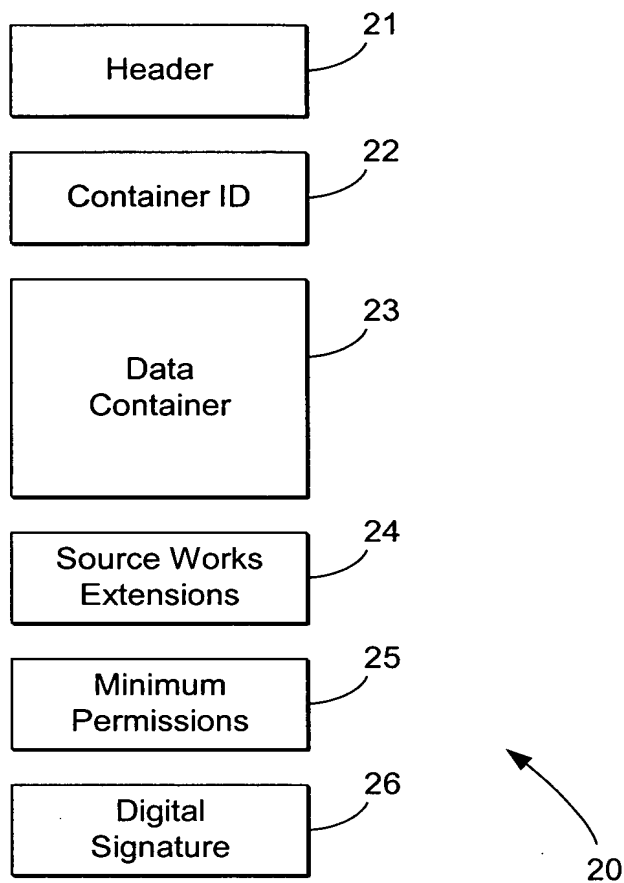


FIG. 2

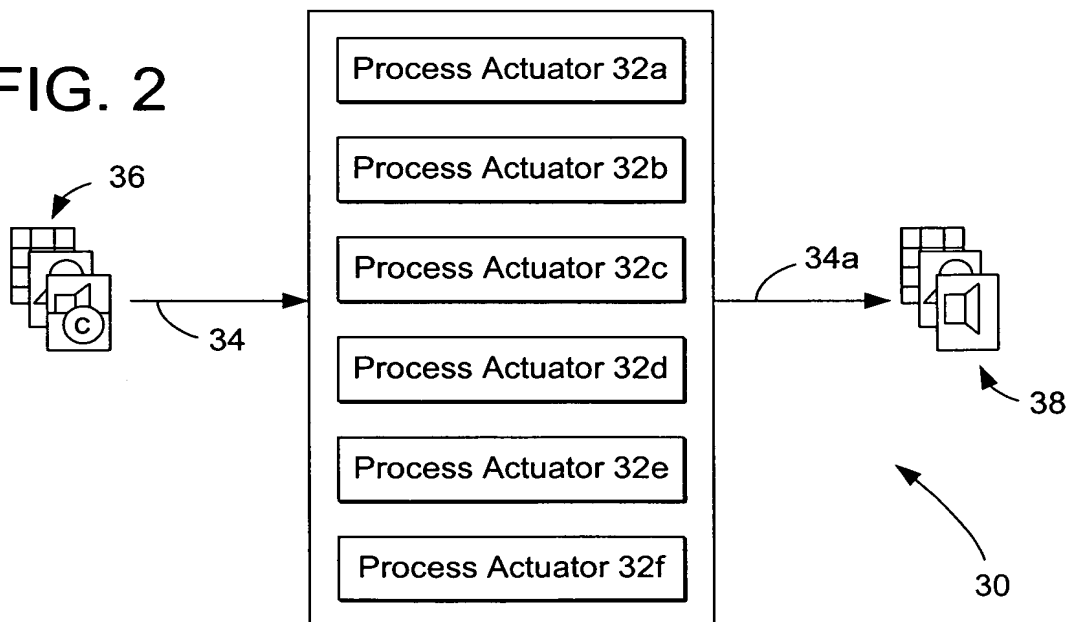
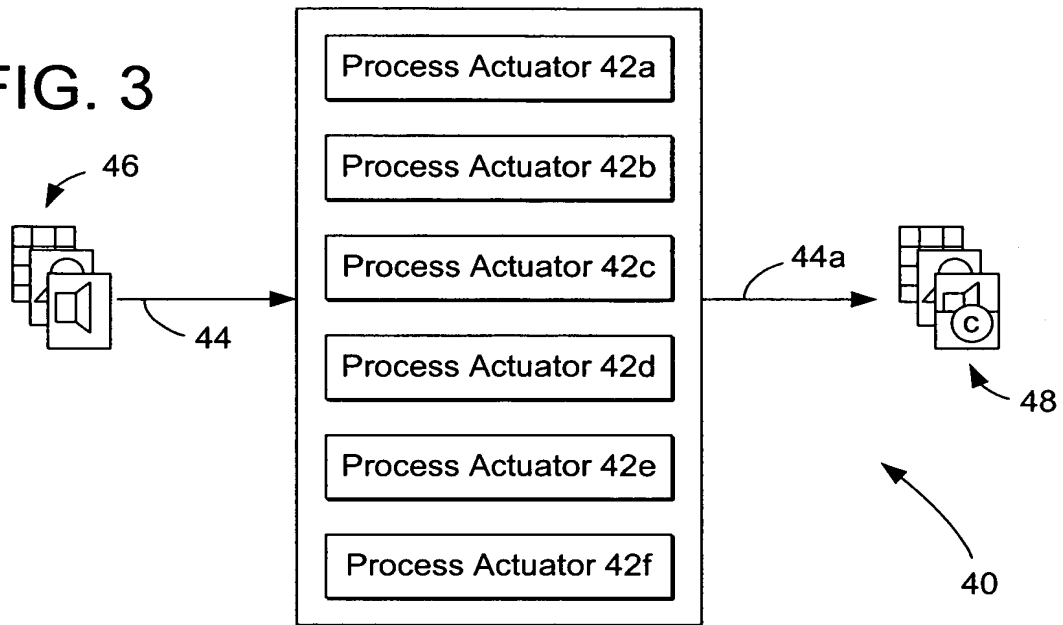


FIG. 3



CONTAINER Encapsulation Flow

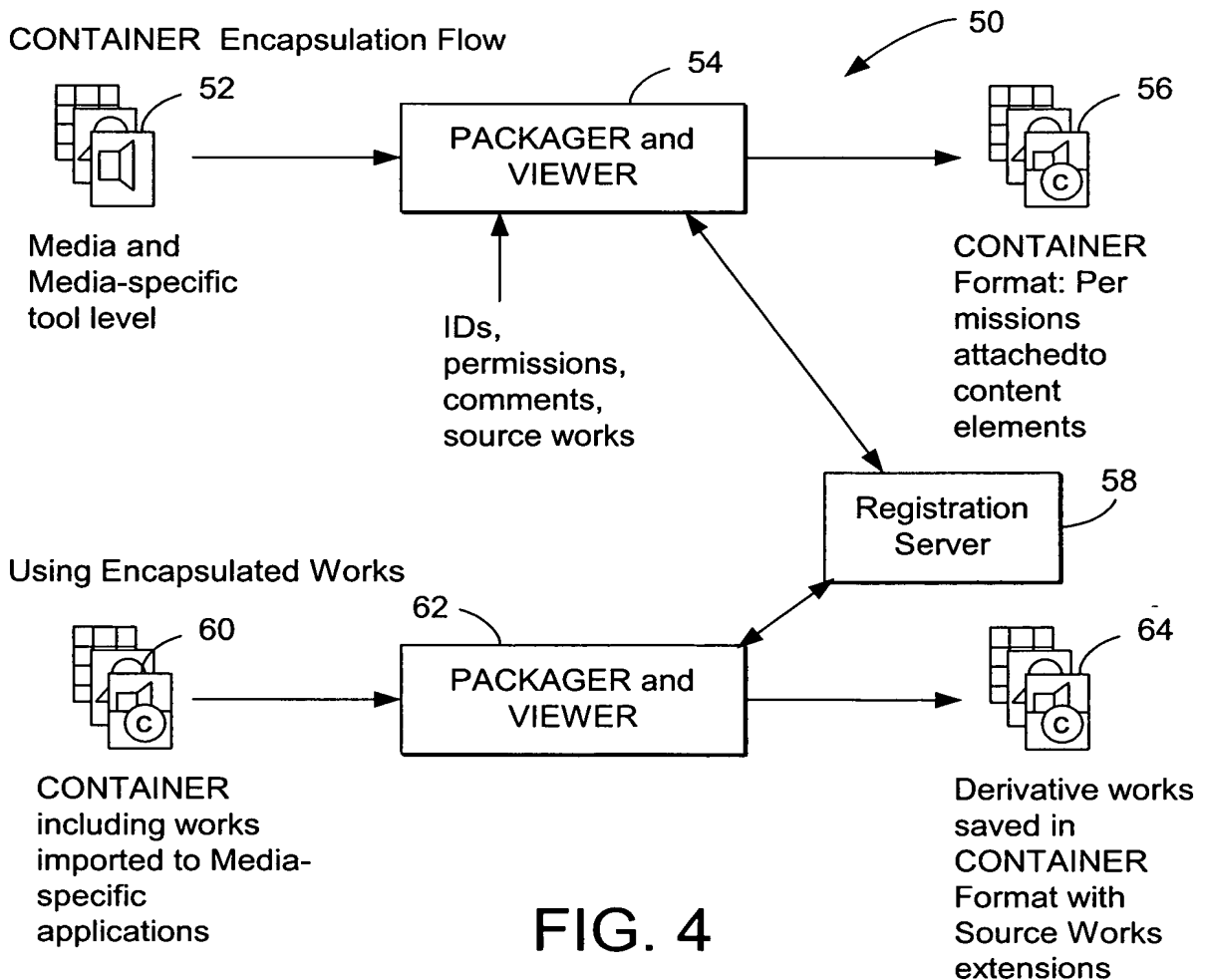


FIG. 4

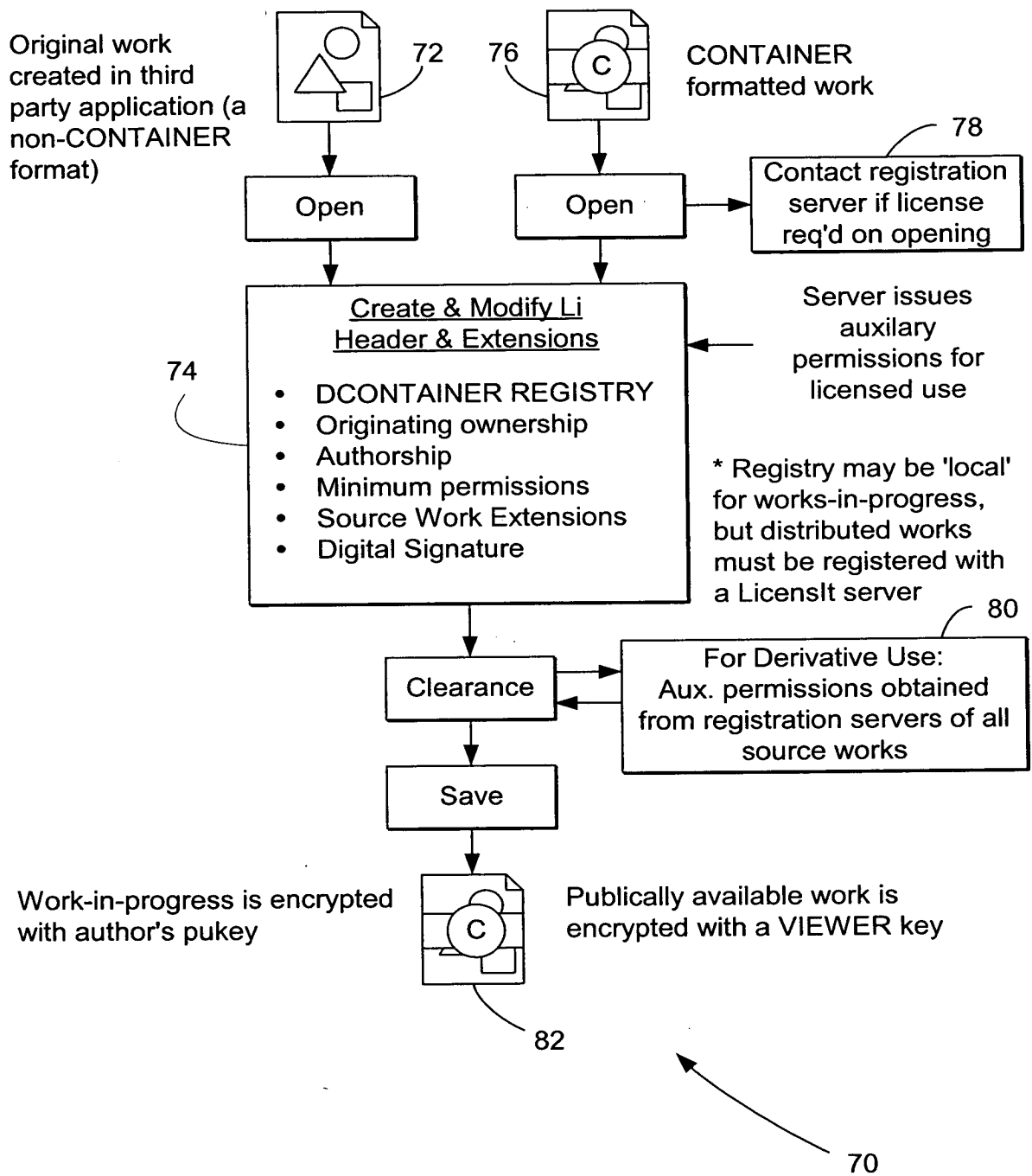


FIG. 5



FIG. 5a

Licenslt Docinfo Editor

CONTAINER Licenslt Rev: 0.1
CONTAINER ID:

Server: 129.170.56.64 Doc: 1

CONTAINER Comments:

Vermont.pict © 1995 Norwich
Mountain Technologies.
All Rights Reserved.
If you don't believe me, notice

Data Format: PICT (50KBytes)
Minimum Permissions:

<input checked="" type="checkbox"/> Read Only	<input checked="" type="checkbox"/> Allow Collab
<input type="checkbox"/> Local Only	<input type="checkbox"/> Source Works
<input checked="" type="checkbox"/> Lic. on Save	<input checked="" type="checkbox"/> Register on Save
<input type="checkbox"/> Lic. on View	<input type="checkbox"/> Original Format

Edit Source Works

Cancel Okay

FIG. 5b

Licenslt Docinfo Editor

CONTAINER Licenslt Rev: 0.1
CONTAINER ID:

Server: 129.170.56.64 Doc: 1

CONTAINER Comments:

Vermont.pict © 1995 Norwich
Mountain Technologies.
All Rights Reserved.
If you don't believe me, notice

Data Format: PICT (50KBytes)
Minimum Permissions:

<input type="radio"/> Read Only	<input type="radio"/> Allow Collab
<input type="radio"/> Local Only	<input type="radio"/> Source Works
<input type="radio"/> Lic. on Save	<input type="radio"/> Register on Save
<input type="radio"/> Lic. on View	<input type="radio"/> Original Format

Auxiliary Perms Source Works

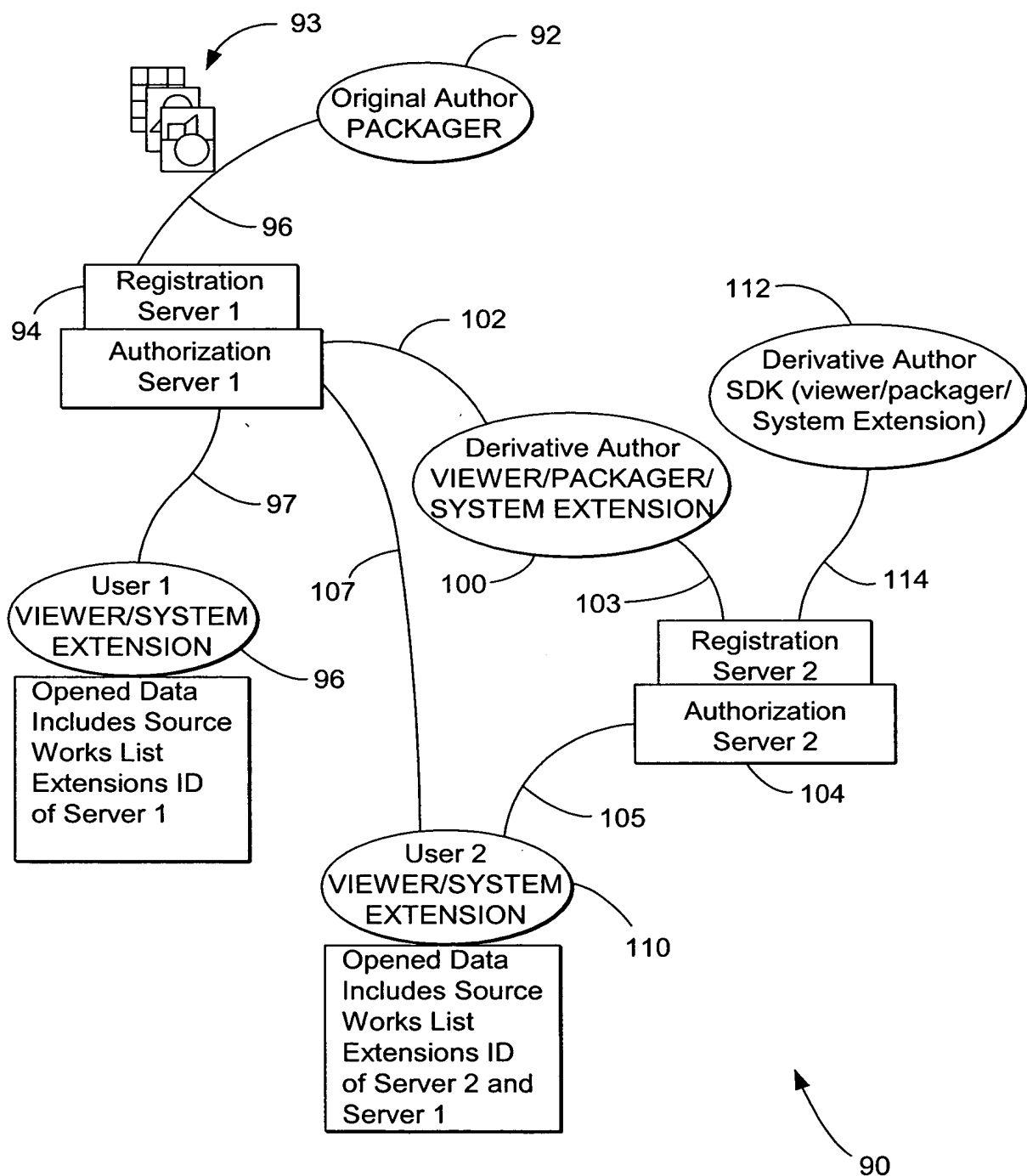
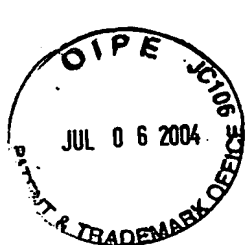


FIG. 6



A screenshot of a software window titled "CONTAINER Info". The window has a standard Mac OS-style title bar with a close button (a square with an 'X') and two sets of window control buttons (three horizontal lines). The main area contains the following fields and labels:

- Title :
- Author :
- Registry :
- Comments :
- Licenslt Rev :
- Media Type :
- Creator App :

Below these fields is a large empty rectangular text area. Underneath that is the label "Current Permissions :" followed by another large empty rectangular text area. At the bottom of the window are three buttons: "Display Sources", "Registry Info" (which is highlighted with a double border), and "Licenslt!".

FIG. 7

A screenshot of a software window titled "License Request". It has a Mac OS-style title bar with a close button and window control buttons. The main area contains the following fields and labels:

- Registry :
- Permissions Requested :

Below these fields is a large empty rectangular text area. At the bottom of the window are three buttons: "Edit Request", "Cancel" (highlighted with a double border), and "Submit".

FIG. 7a

A screenshot of a software window titled "Permissions Request Editor". It has a Mac OS-style title bar with a close button and window control buttons. The main area contains the following fields and labels:

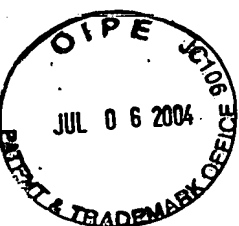
- Permissions Requested :

Below this label is a list of permissions, each preceded by an unchecked checkbox:

- ☐ Opening/Viewing
- ☐ Modify
- ☐ Drag & Drop
- ☐ Printing
- ☐ Format Changes

To the right of this list is another unchecked checkbox labeled "Save". At the bottom of the window are two buttons: "Cancel" and "Okay" (highlighted with a double border).

FIG. 7b



A dialog box titled "License Agreement". It contains the following fields and controls:

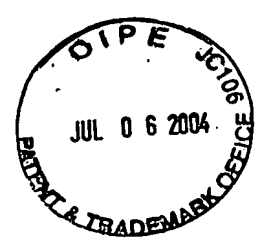
- Registry:
- Rights Holder:
- Authorized Licensee:
- Permissions Granted by this Agreement:
- Terms of this Agreement:
- Buttons: "Cancel" and "I Hereby Agree"

FIG. 7c

A dialog box titled "Registry Info". It contains the following fields and controls:

- Registry:
- Rights Owner:
- User Classes Available : General (dropdown menu)
- Comments:
- Permissions Available for General:
- Licensing Terms for General:
- Buttons: "Cancel" and "Request Permissions"

FIG. 7d



Source Works Display

Container ID:	Title :	Registry :
sdcsdcsfzczdc	sdcsdcsfzczdc	sdcsdcsfzczdc
sdcsdcsfzczdc	sdcsdcsfzczdc	sdcsdcsfzczdc
sdcsdcsfzczdc	sdcsdcsfzczdc	sdcsdcsfzczdc
sdcsdcsfzczdc	sdcsdcsfzczdc	sdcsdcsfzczdc
sdcsdcsfzczdc	sdcsdcsfzczdc	sdcsdcsfzczdc

Registry Info Request Permissions

FIG. 7e

Source Works Manager

Container ID:	Title :	Registry :	Clearance:
sdcsdcsfzczdc	sdcsdcsfzczdc	sdcsdcsfzczdc	Okay
sdcsdcsfzczdc	sdcsdcsfzczdc	sdcsdcsfzczdc	Okay
sdcsdcsfzczdc	sdcsdcsfzczdc	sdcsdcsfzczdc	Failed
sdcsdcsfzczdc	sdcsdcsfzczdc	sdcsdcsfzczdc	Okay
sdcsdcsfzczdc	sdcsdcsfzczdc	sdcsdcsfzczdc	Okay

Registry Info Check Clearances

Permissions Info Request Permissions

FIG. 7f



The screenshot shows a dialog box titled "DocInfo Editor". It contains several input fields for document metadata: "Title :", "Author :", "Registry :", "Comments :", "Licenst Rev :", "Media Type :", and "Creator App :". Below the "Comments :" field is a large text area. Underneath that is a section labeled "Minimum Permissions :" followed by another text area. At the bottom of the dialog are three buttons: "Edit Permissions", "Display Sources", and "Cancel". The "Cancel" button is highlighted with a double border.

FIG. 7g

The screenshot shows a dialog box titled "Minimum Permissions Editor". It contains a section labeled "Minimum Permissions Desired :" followed by a list of permissions, each with an unchecked checkbox: "Opening/Viewing", "Modify", "Drag & Drop", "Printing", "Format Changes", "Save", "Reg. Derivative Works", and three instances of "foo". At the bottom of the dialog are two buttons: "Cancel" and "Okay". The "Okay" button is highlighted with a double border.

FIG. 7h



Third Party Application - Actions	VIEWER and/or PACKAGER Actions	Authorization Server Actions	Registration Server Actions
CONTAINER Opened			
	VIEWER views CONTAINER attributes, including minimum and auxiliary permissions, if any		
	Authorization server contacted if required		
		Compare requested permissions and user class with rule base	
		Grant appropriate auxiliary permissions and issue encrypted certificate	
Viewer or editor opened for packaged data type			
	If editing, initialize local list of active source works		
Attempt unauthorized action			
Prepare request for required permissions			
	Contact authorization server for auxiliary permissions		
		Compare requested permissions and user class with rule base	
		Grant appropriate auxiliary permissions and issue encrypted certificate	
Perform desired action			
Import CONTAINER			
	Contact authorization server on opening, if required		
	Add new work to Source Works list		
Attempt file save			
	Examine clearances (minimum and auxiliary permissions) of source works		
	Initiate authorization requests for uncleaned works		
		Grant appropriate auxiliary permissions and issue encrypted certificate	
Move data to Packager			
	Assemble based upon data to be saved		
	Select server and generate registration request		
			Grant registration request (used for final signature)
	Complete CONTAINER packaging		

FIG. 8

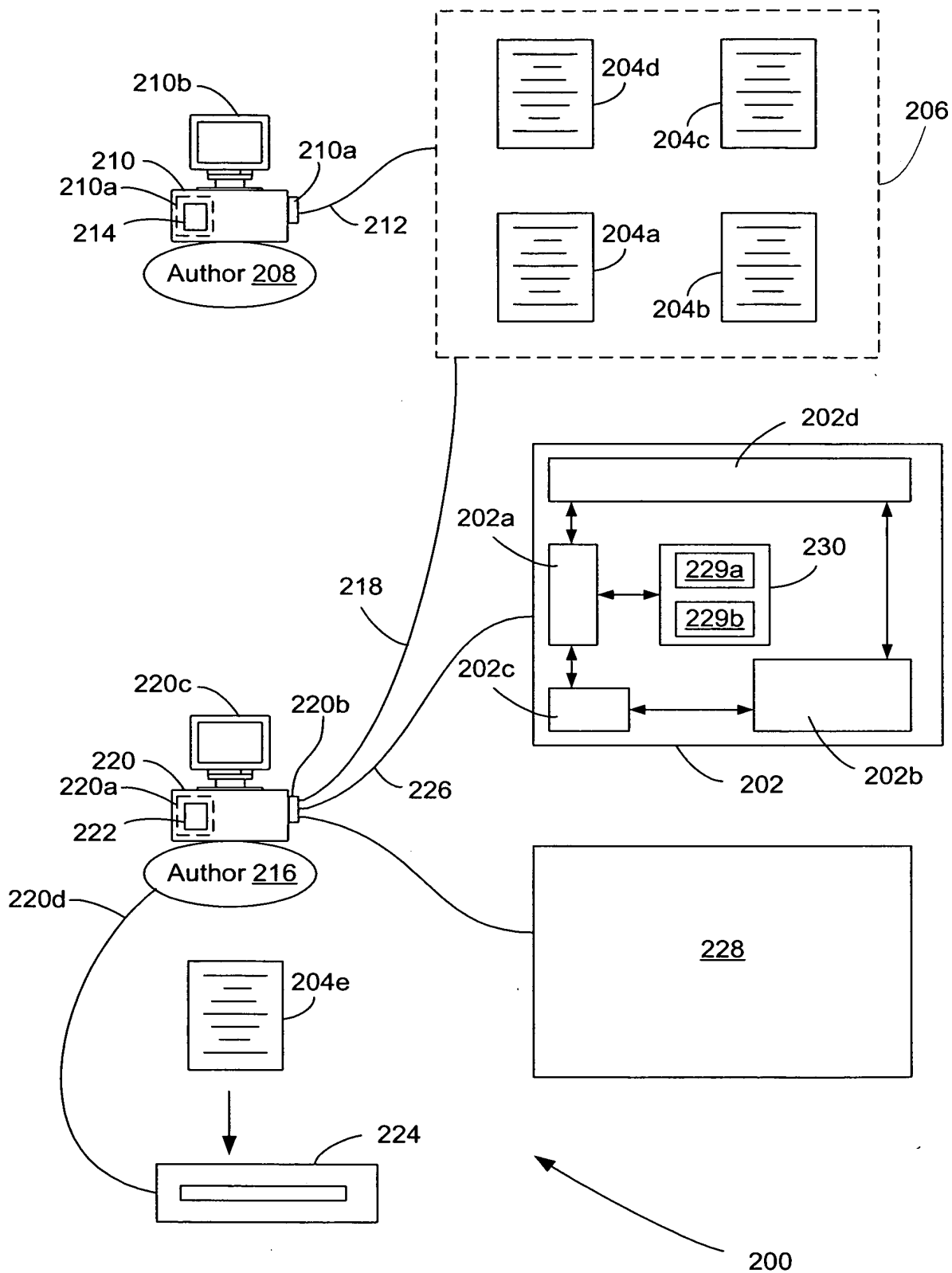


FIG. 9

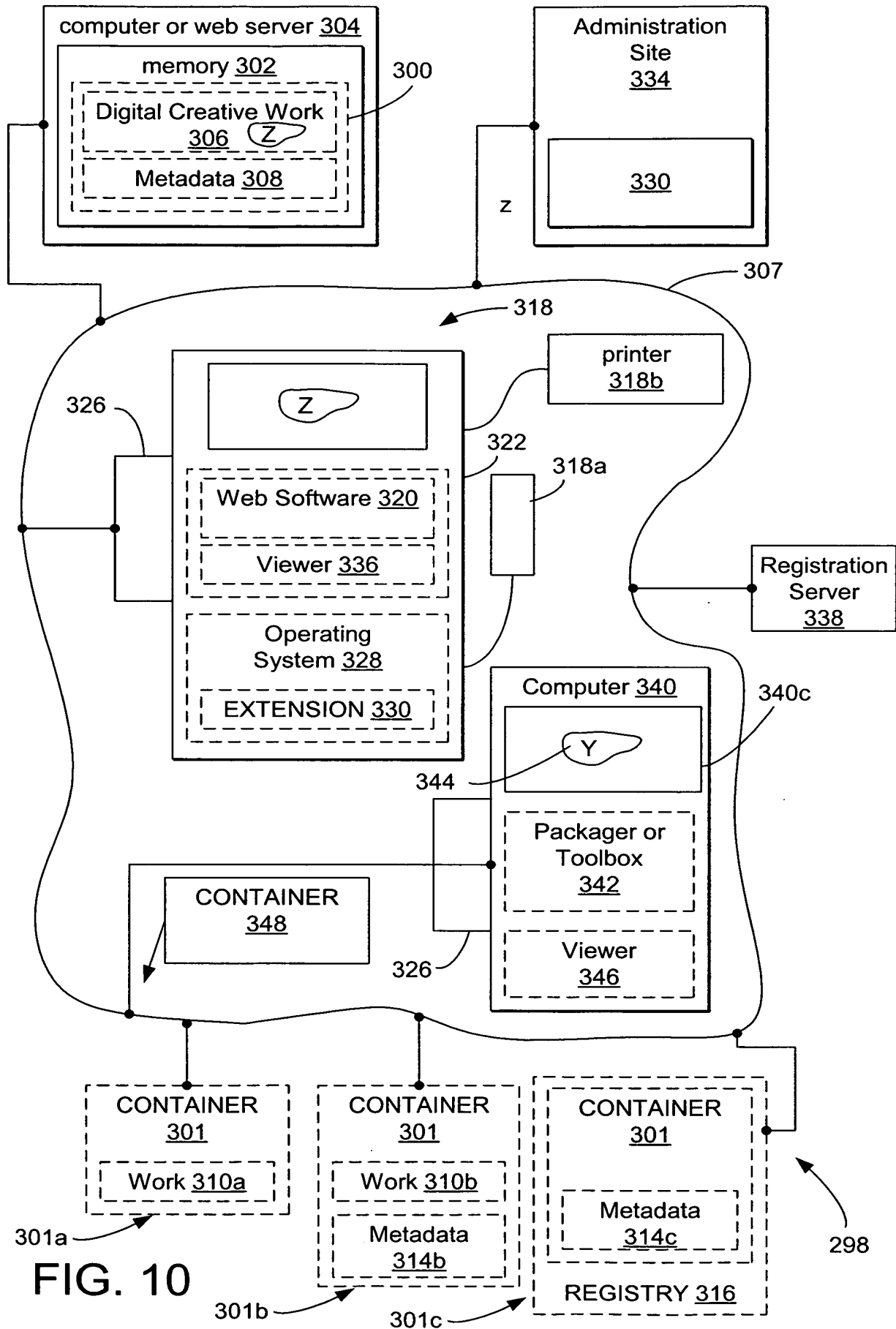


FIG. 10

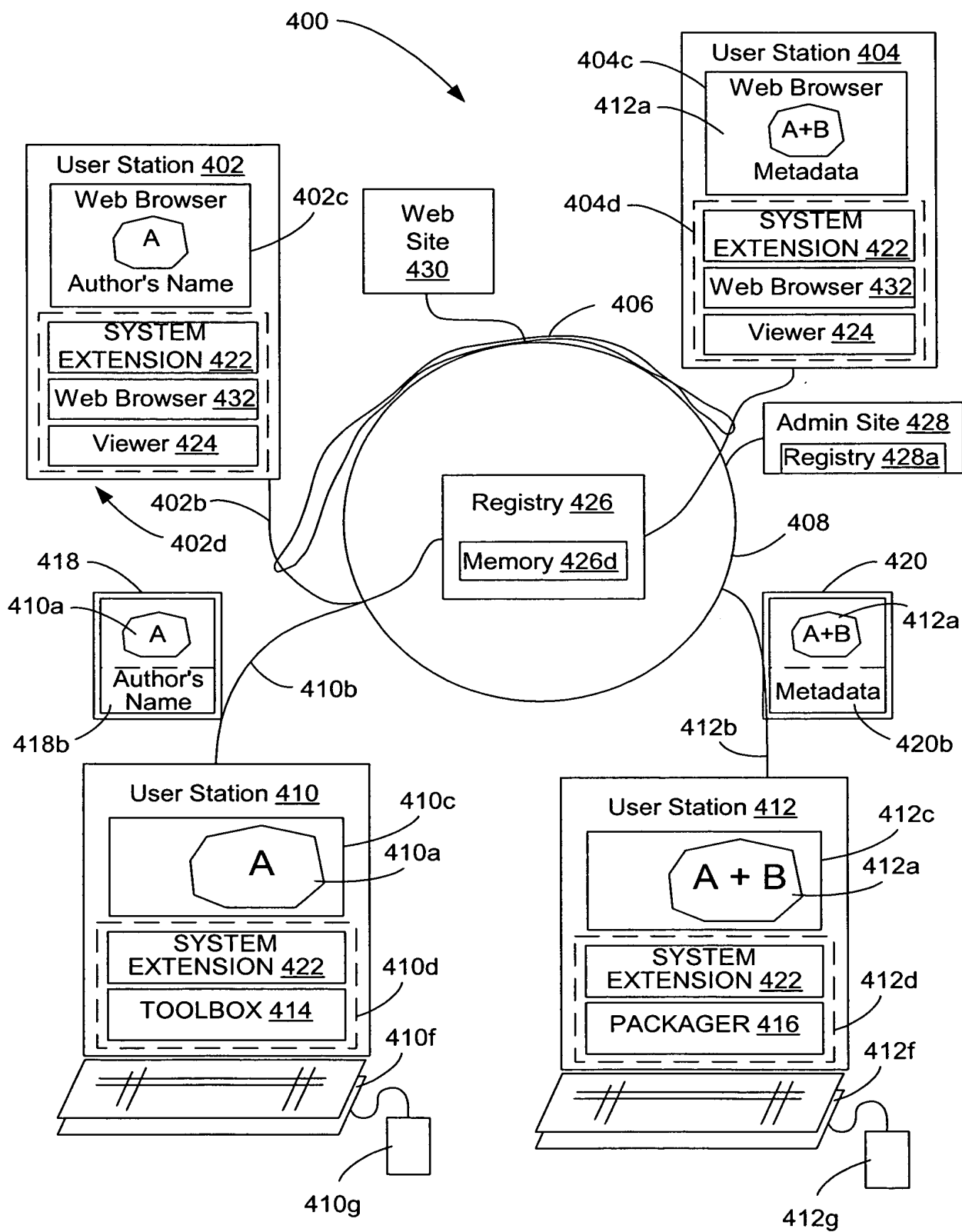
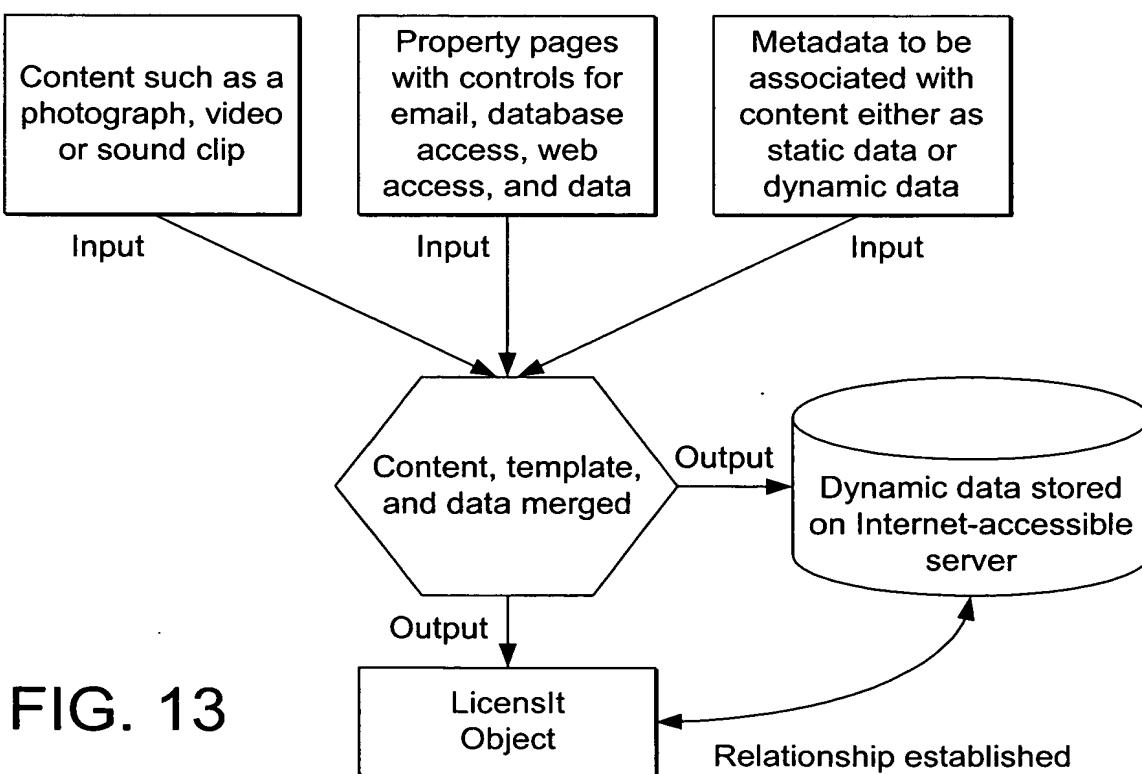
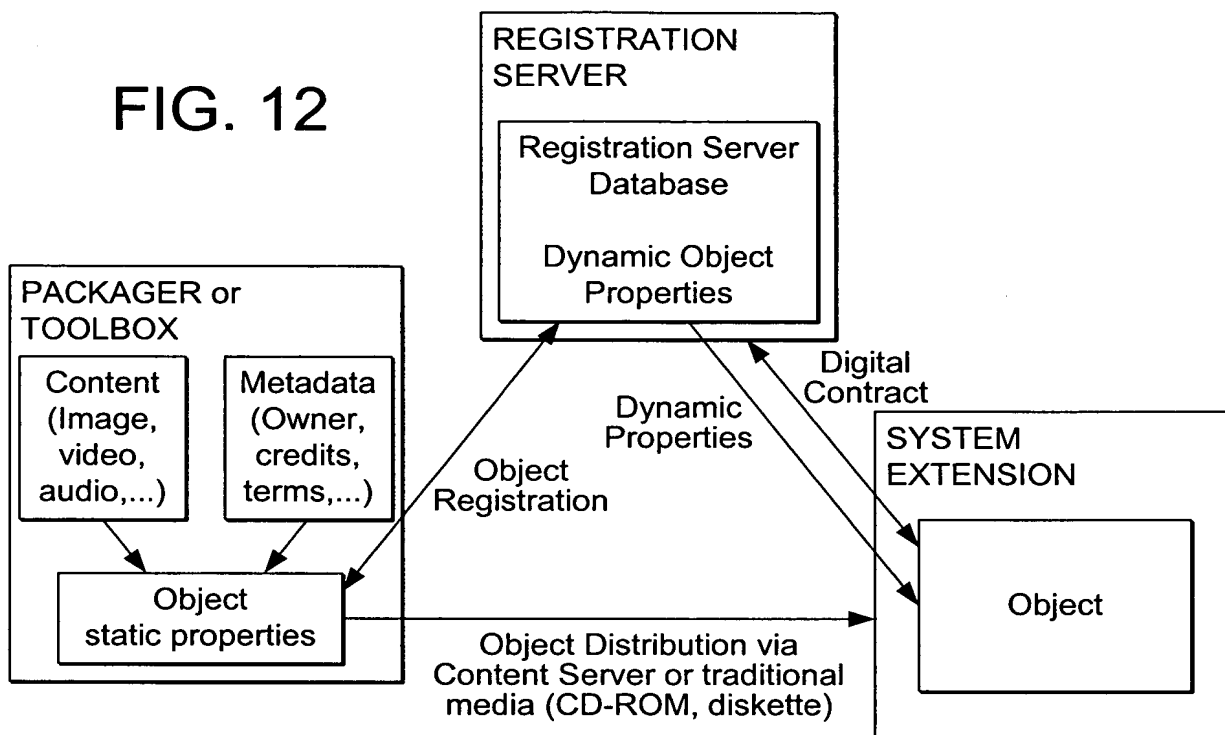


FIG. 11

FIG. 12





Source Works Contributors

Summary Copyright Permissions

Update Info Go to URL Send Email

Registry

Openhouse Rights Center

123 Rights Way

East Barnyard VT USA 05432

Phone 802-123-4567 Fax 802-123-7654

URL http://www.openhouse.com

Email info@openhouse.com

Rights Administration

Organization	Rights Administration
Openhouse Rights Center	Reproduction
Openhouse Rights Center	Print
Four Palms, Inc.	Distribution

View Details Send Email Go to URL

Property Pages

Controls

Properties

FIG. 14



NetRights

The LicenseIT
Demo Page

Properties

Summary Copyright Owner Permissions Contributors

Get/Update Information Send Email

Email Address getrights@nasa.gov

Web Page URL http://www.nasa.gov

Address1 NASA

Address2 Space Flight Drive

City Washington State/Province DC

Country USA Zip Code 12345

Work Phone 202-123-5678 Fax 202-834-0219

Home Phone 202-123-4567 Date Updated 4/5/96

Notes Royalty free NASA image

Document: Done

FIG. 15

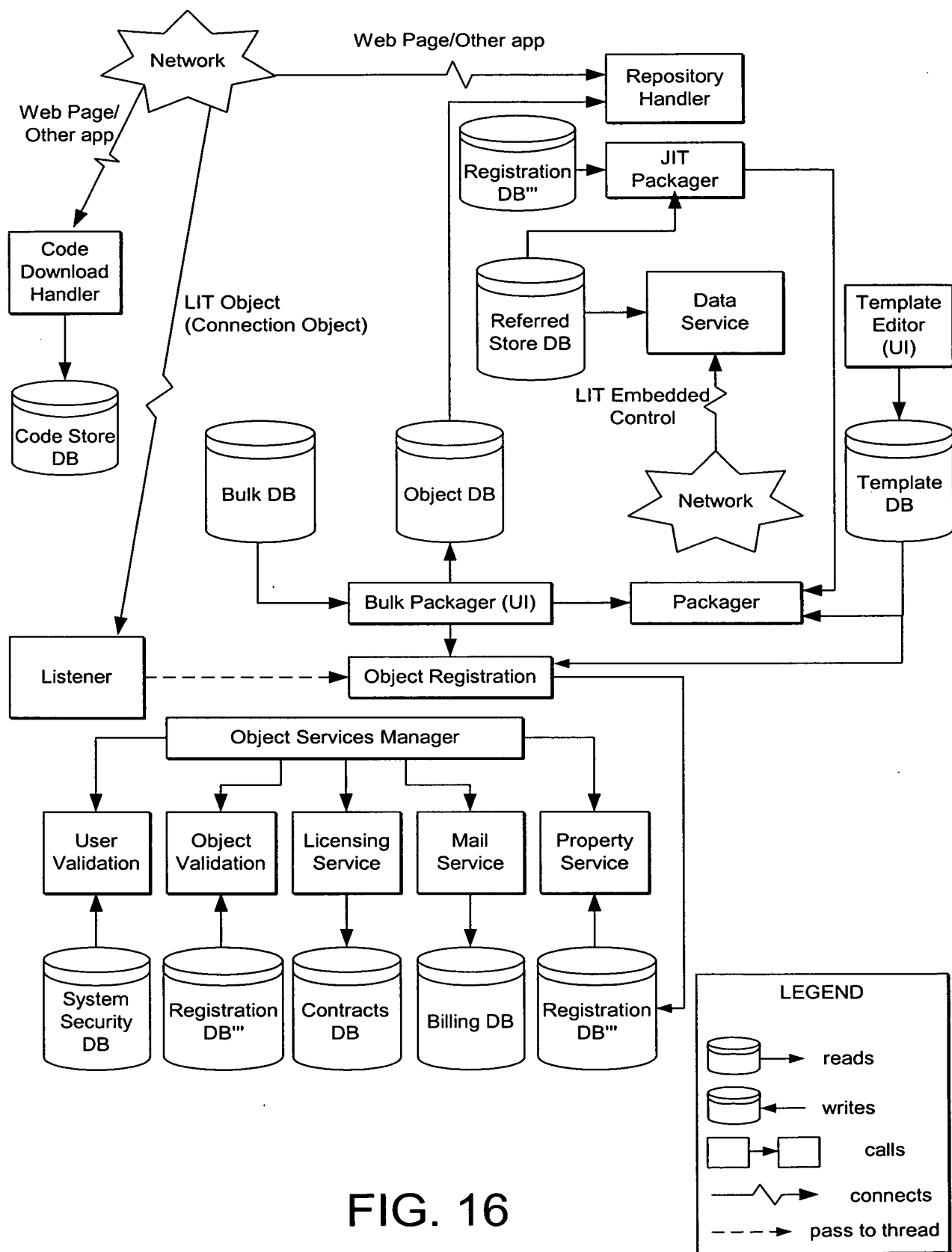


FIG. 16